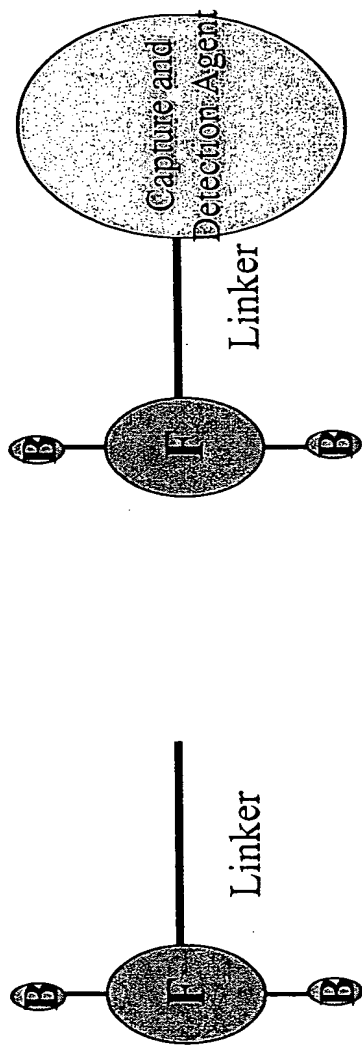
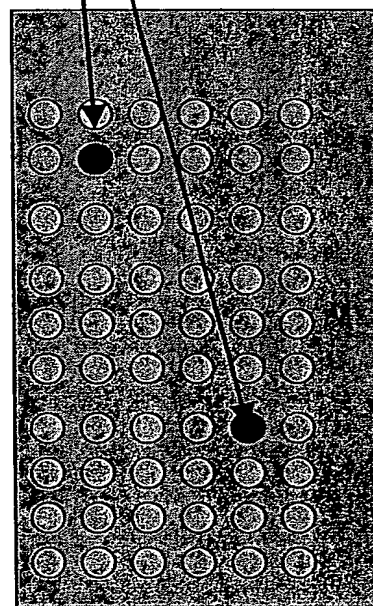


High-throughput Target ID



Library of Bioactive
Compounds

Library of Target ID
Compounds



Use corresponding
activity-based probe to
identify the biological target

FIGURE 1

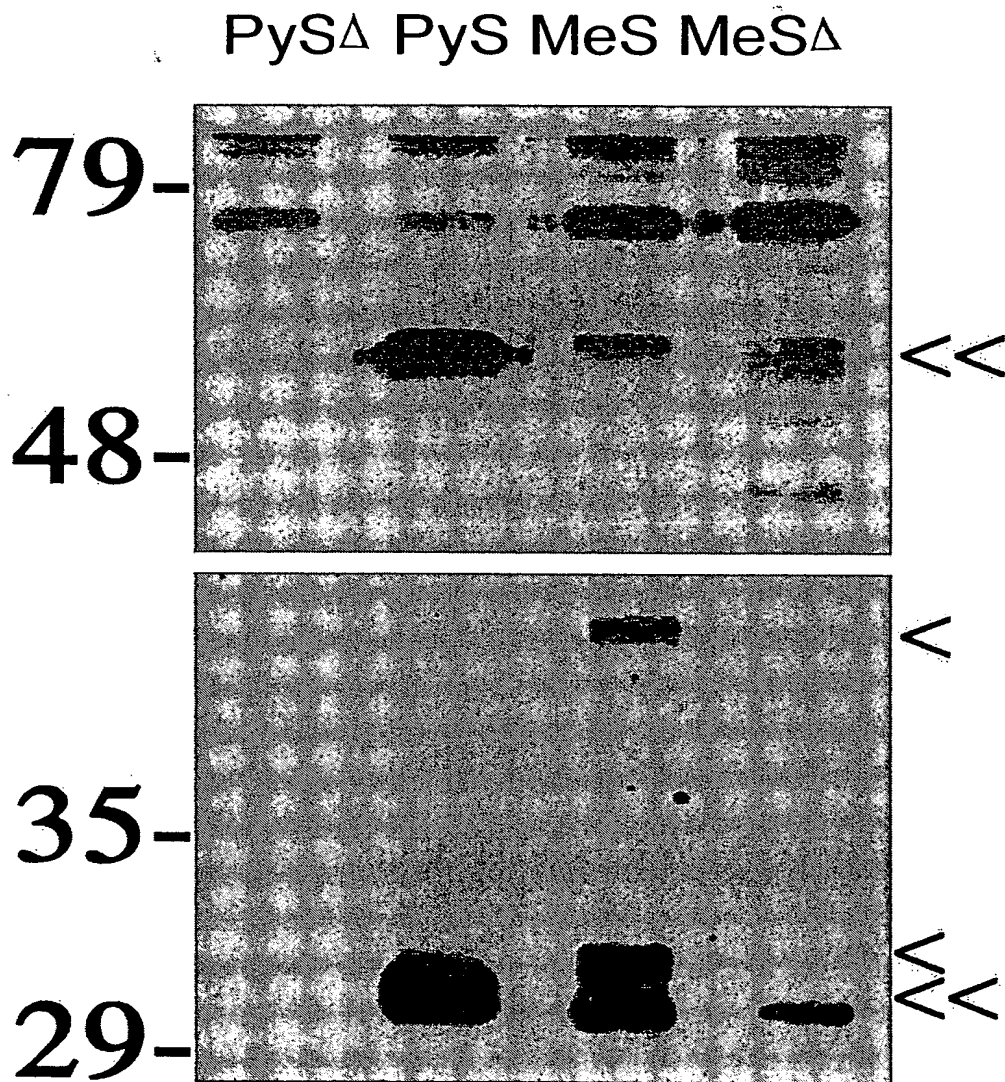
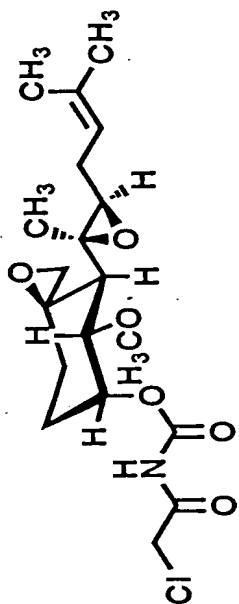
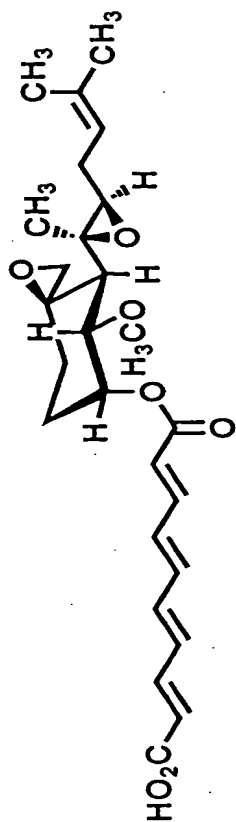


FIGURE 2



TNP-470



Fumagillin

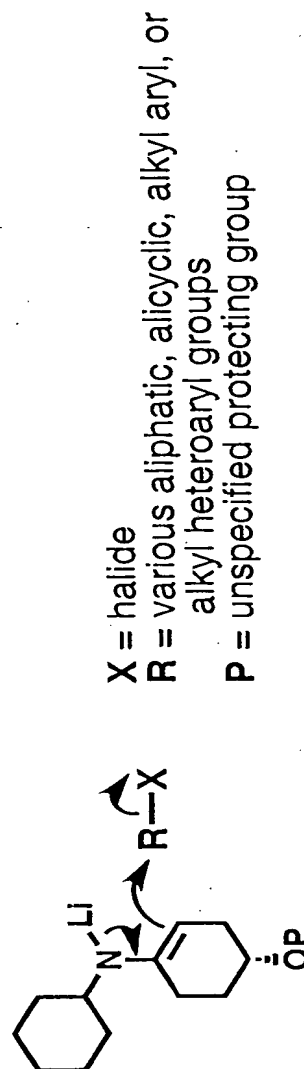
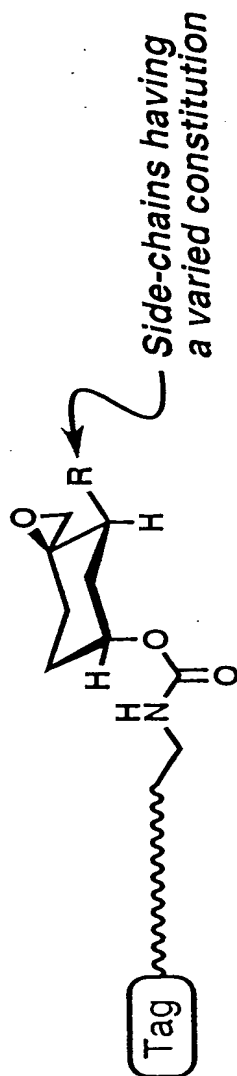


FIGURE 4A

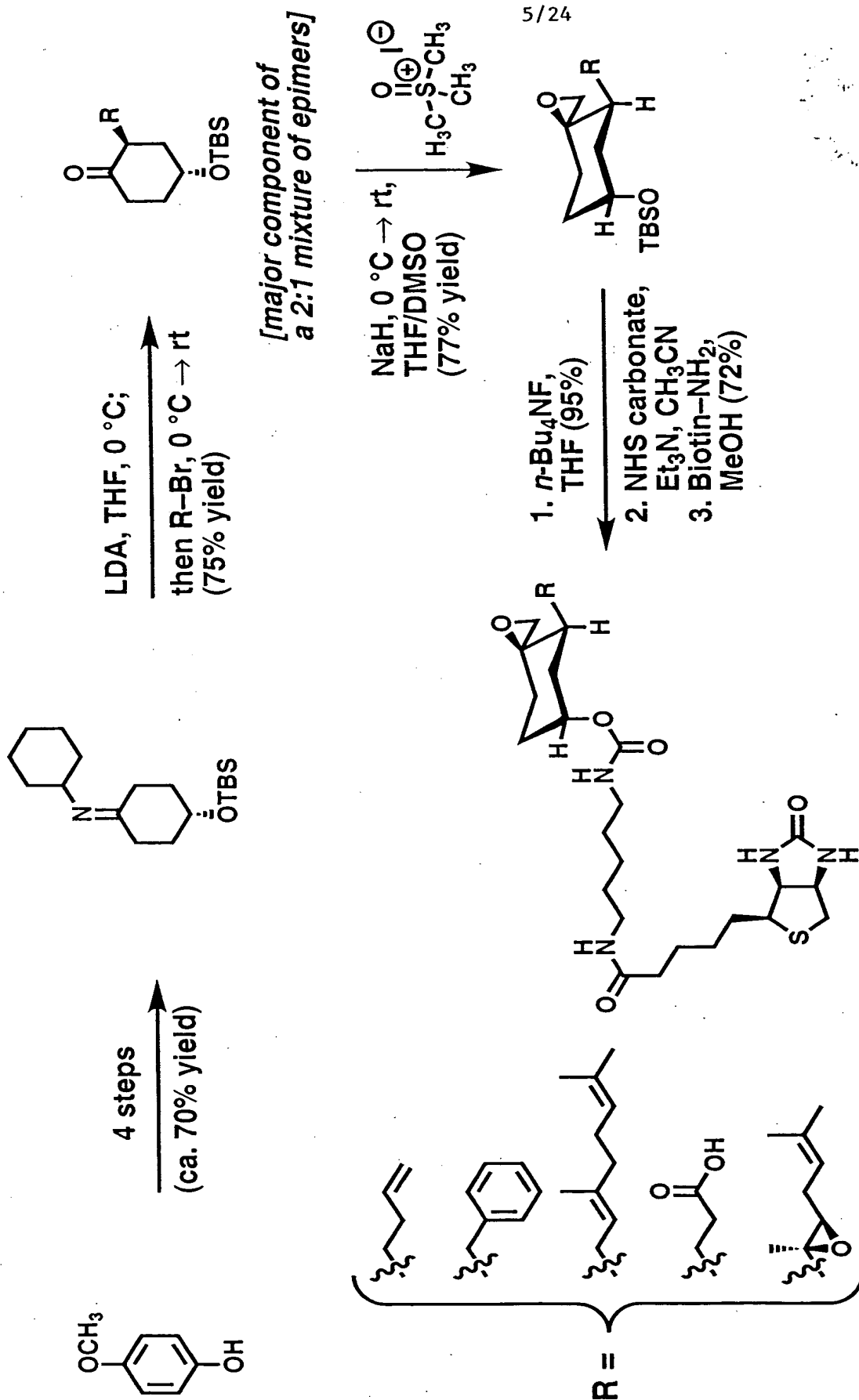


FIGURE 4B

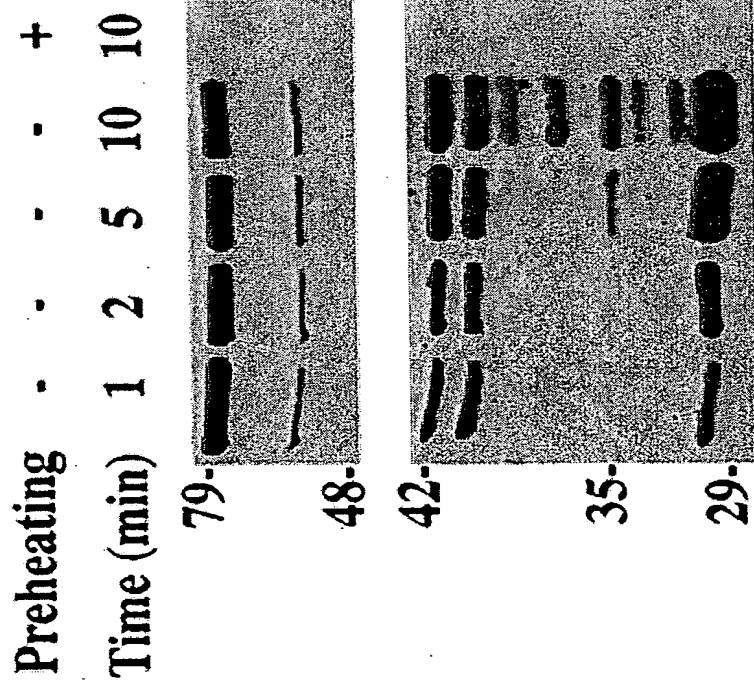
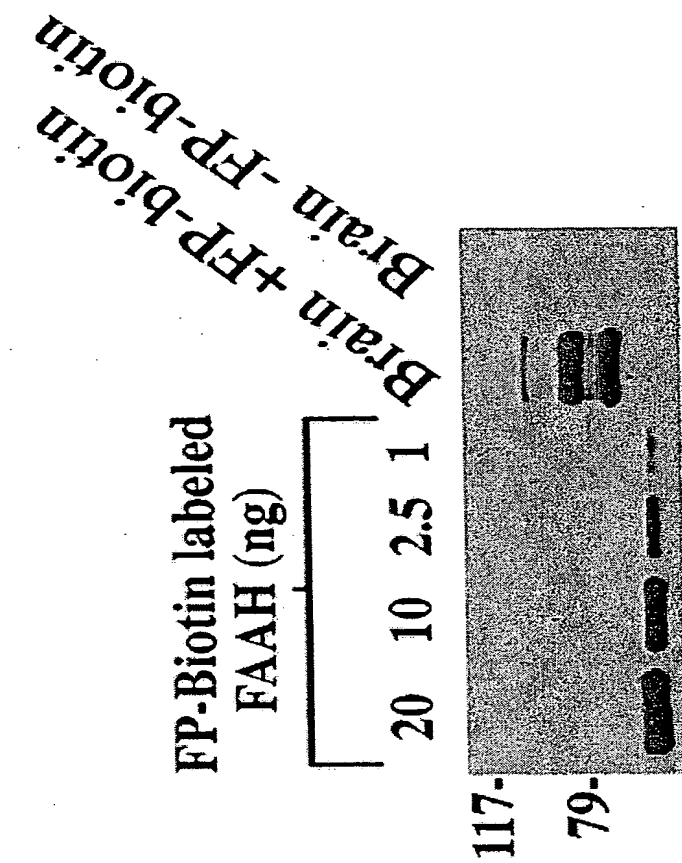
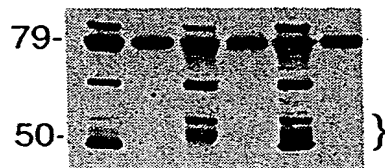


FIGURE 5

FP-peg-biotin (μ M)	4	4	0	0	2	2
FP-biotin (μ M)	0	0	4	4	2	2
Preheated	-	+	-	+	-	+



FP-peg-biotin	-	-	+	+
FP-biotin	+	+	-	-
Preheated	+	-	-	+

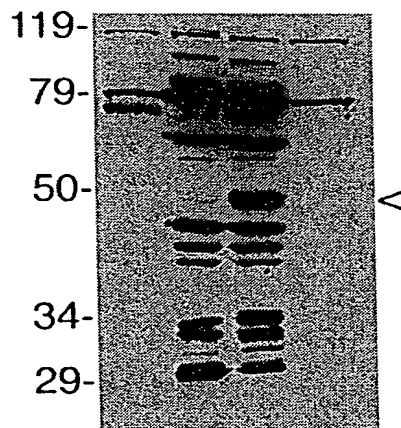


FIGURE 6

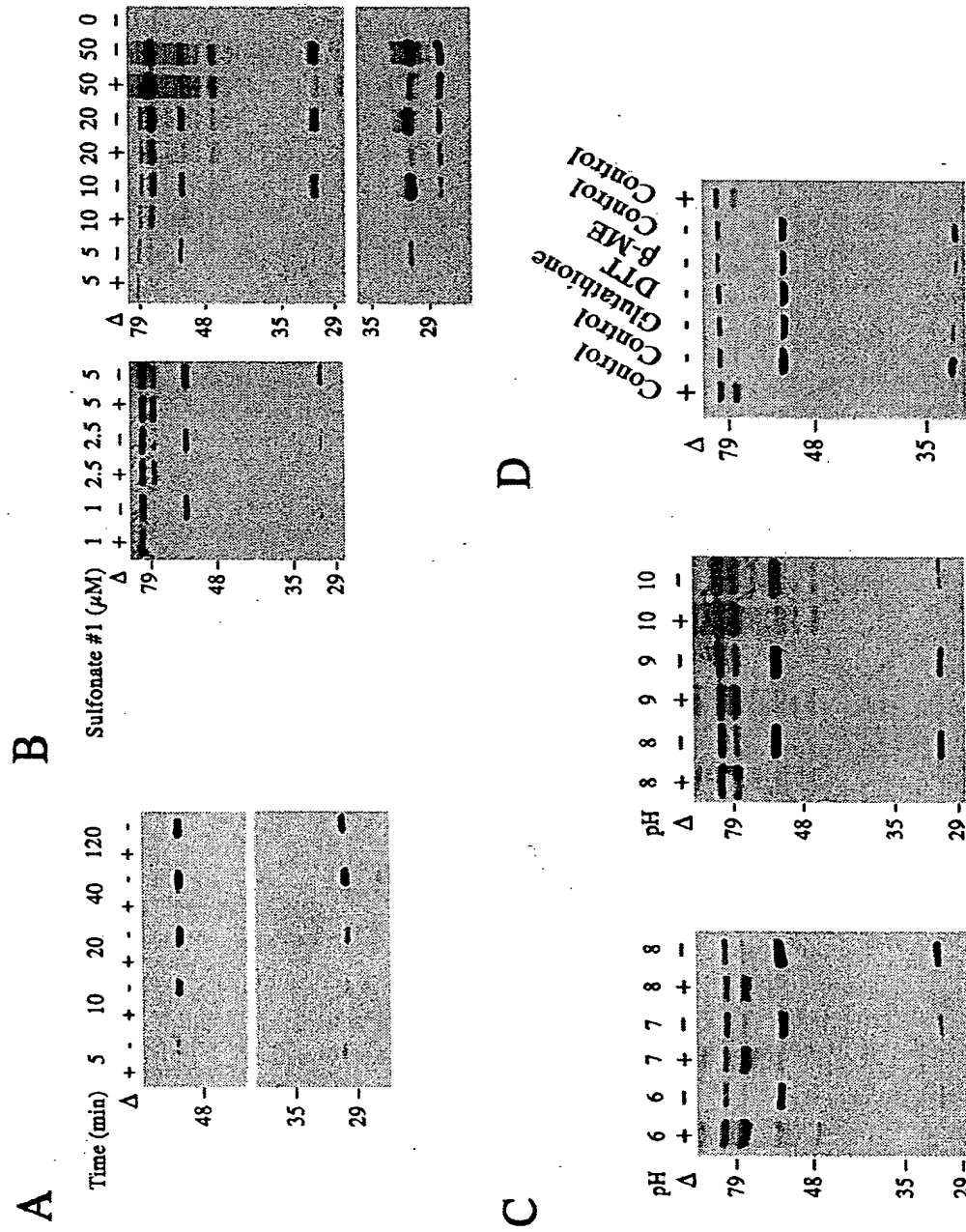


FIGURE 7



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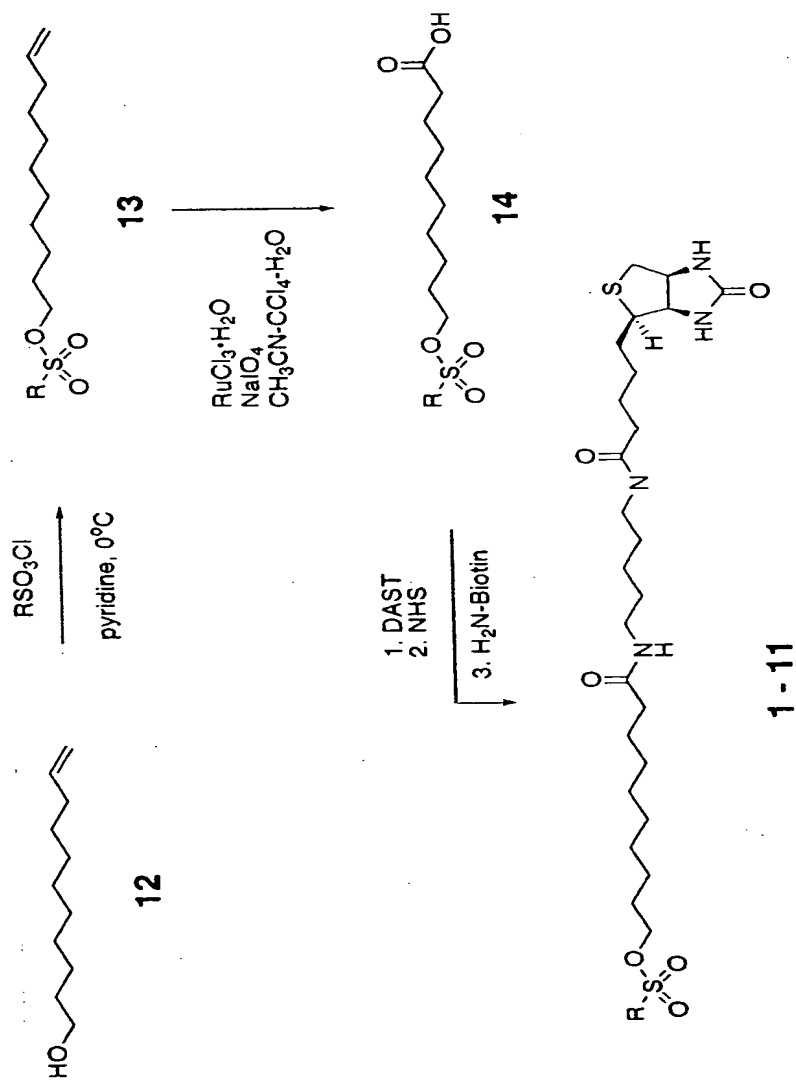
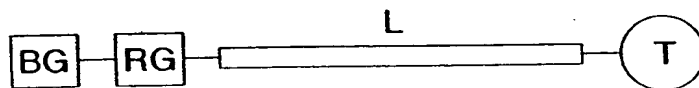


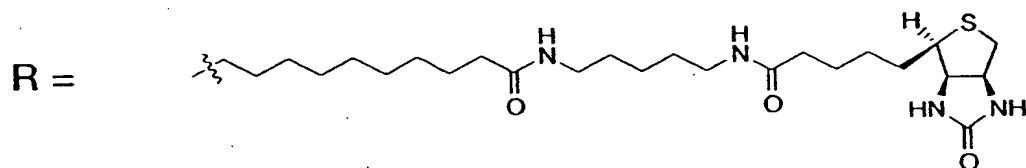
FIGURE 9

11/24

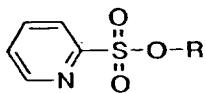
A.



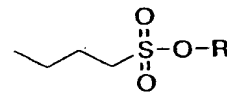
B.



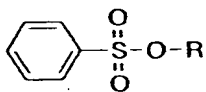
1



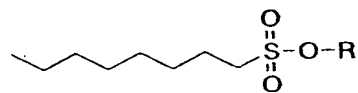
6



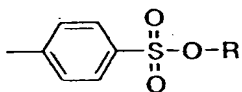
2



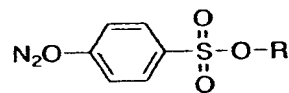
7



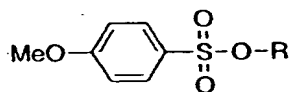
3



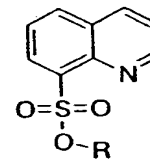
8



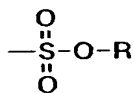
4



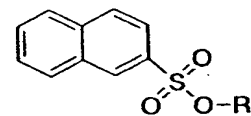
9



5



10



11

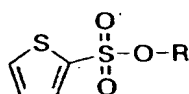
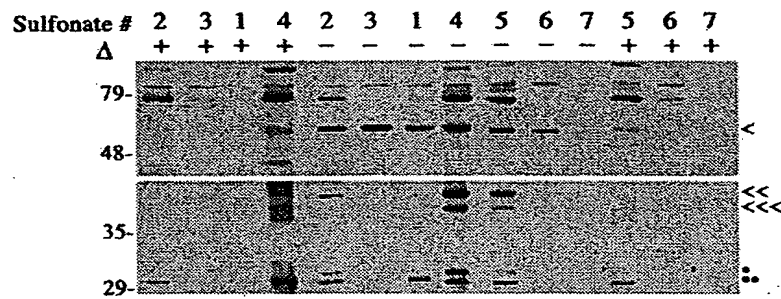
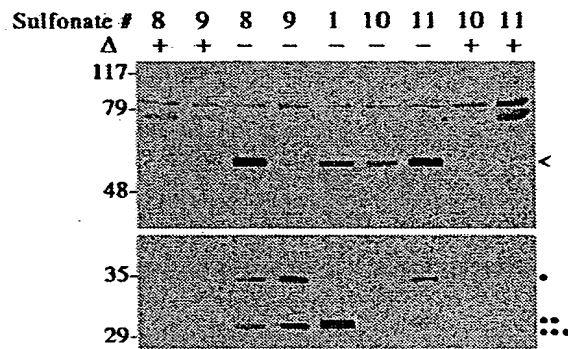


FIGURE 10

A**B****FIGURE 11**

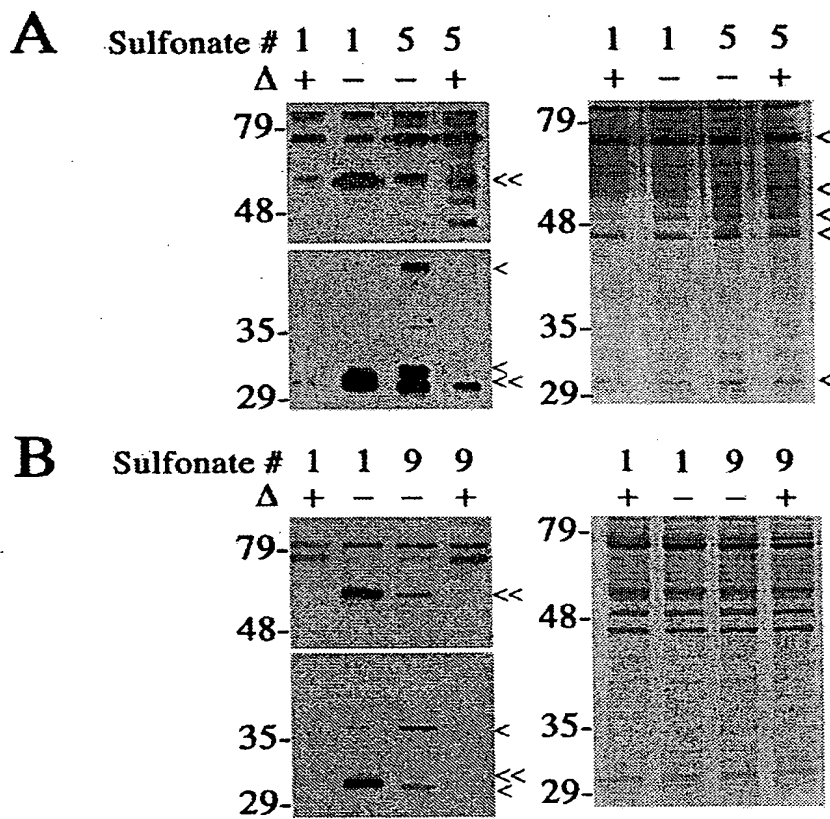


FIGURE 12

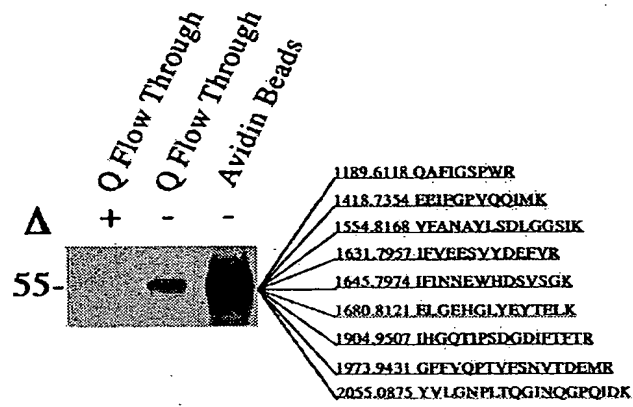
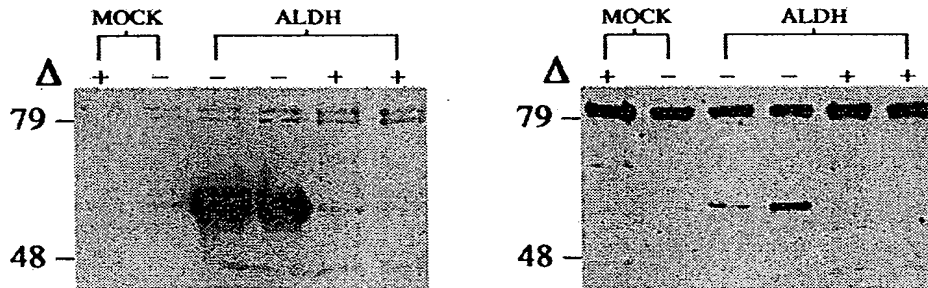
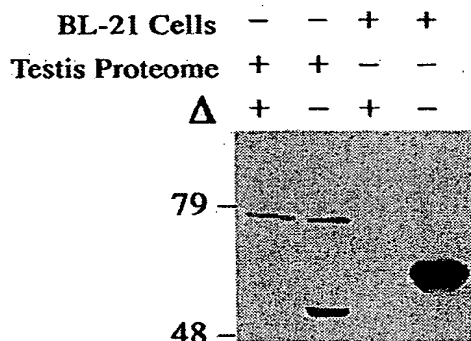
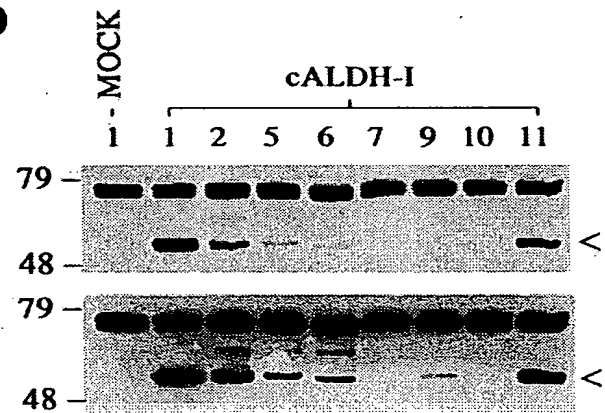
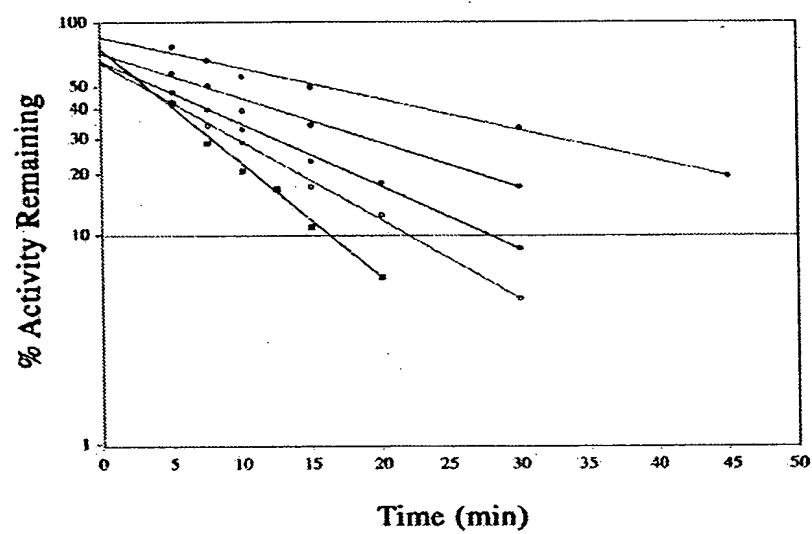
A**B****C****D**

FIGURE 13

A**B**

Competitor #	-	-	15	17	16	15	17	16
[Competitor (μ M)]	0	0	5	5	5	50	50	50
Δ	+	-	-	-	-	-	-	-

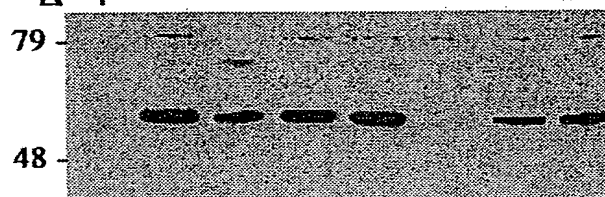


FIGURE 14

FP-biotin	—	—	+	+	+	+
Sulfonate #1	+	+	+	—	+	—
Δ	+	—	—	—	+	+

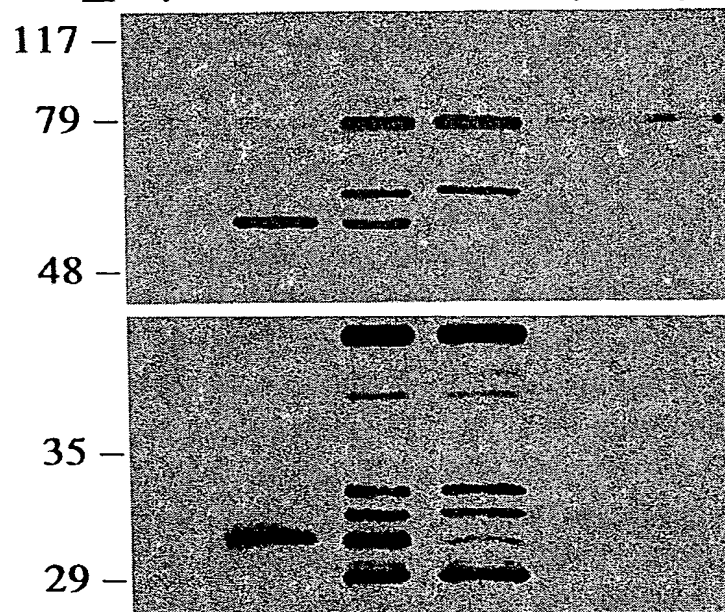


FIGURE 15

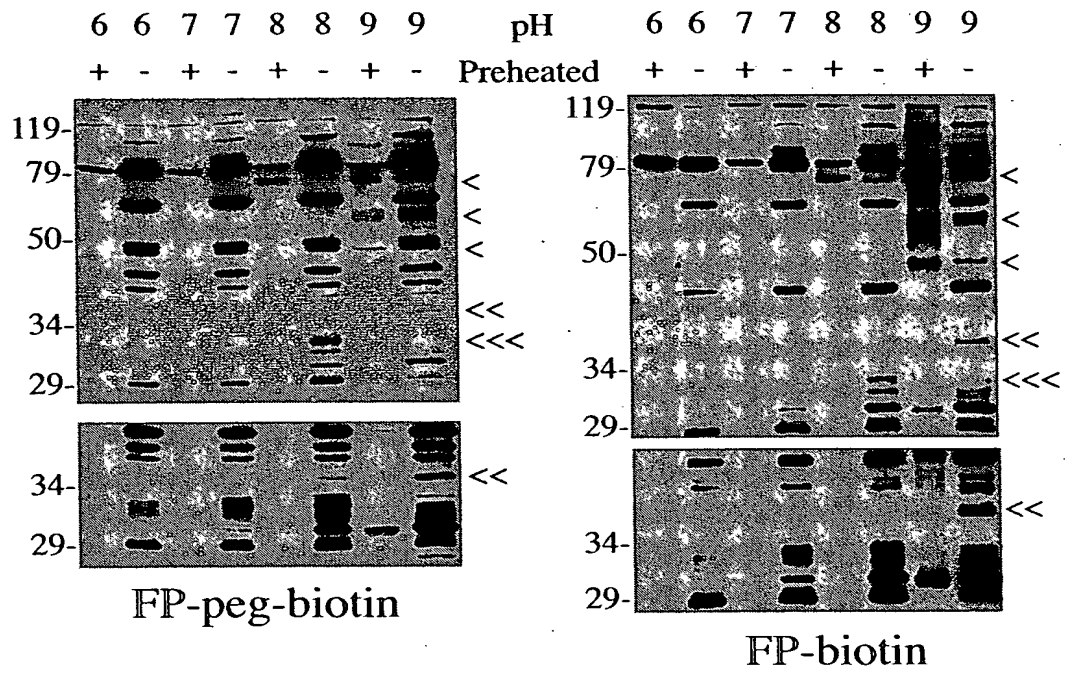


FIGURE 16

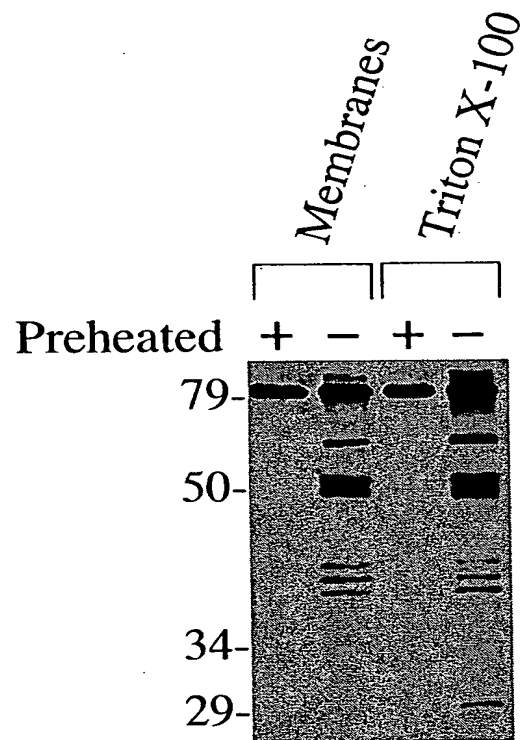


FIGURE 17

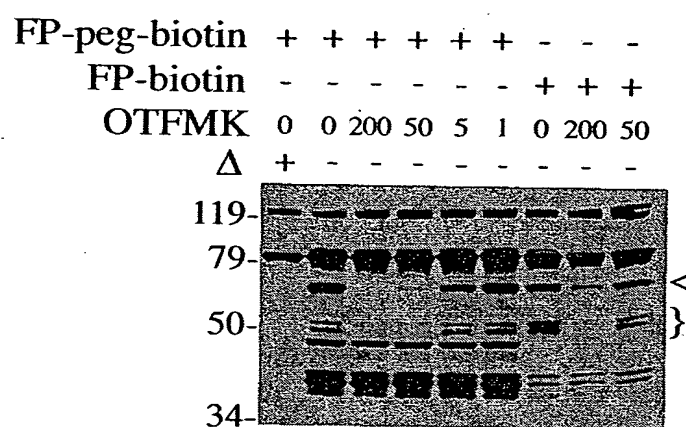


FIGURE 18

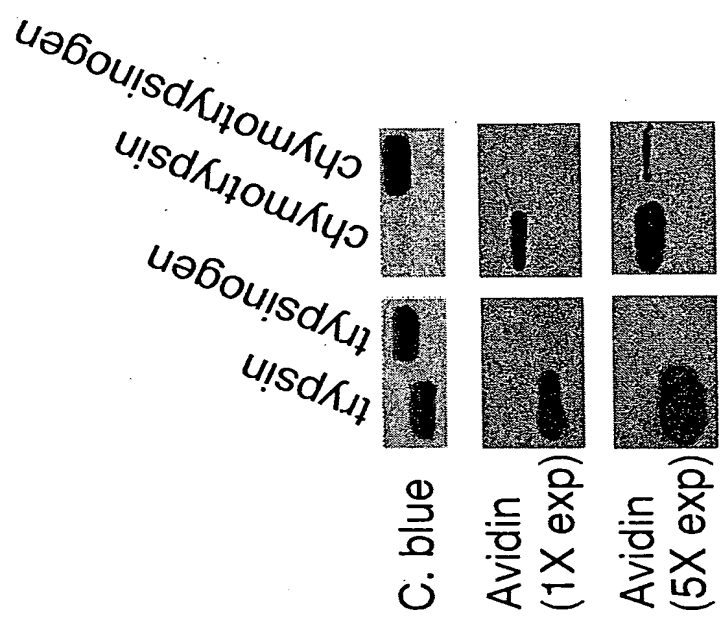
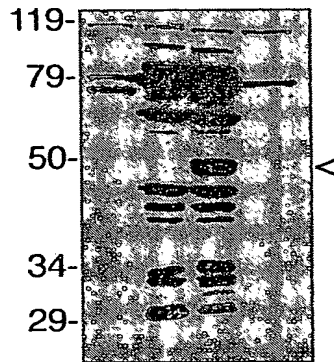


FIGURE 19

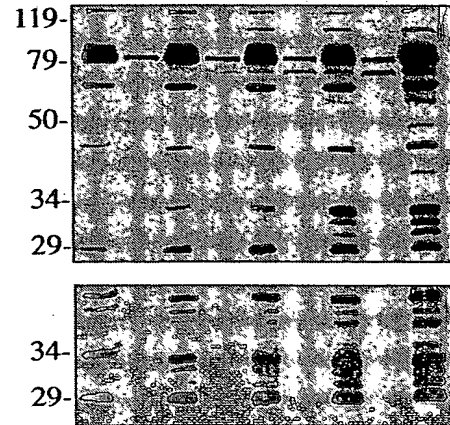
A.

FP-peg-biotin	-	-	+	+
FP-biotin	+	+	-	-
Preheated	+	-	-	+



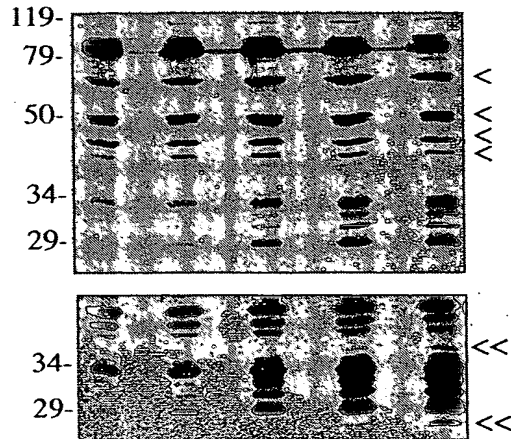
B.

FP-biotin (μ M)	0.5	1	1	2	2	4	4	8	8
Preheated	-	+	-	+	-	+	-	+	-



C.

FP-peg-biotin (μ M)	0.5	1	1	2	2	4	4	8	8
Preheated	-	+	-	+	-	+	-	+	-



D.

FP-peg-biotin (μ M)	1	2	8
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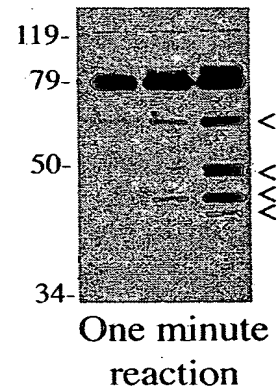


FIGURE 20

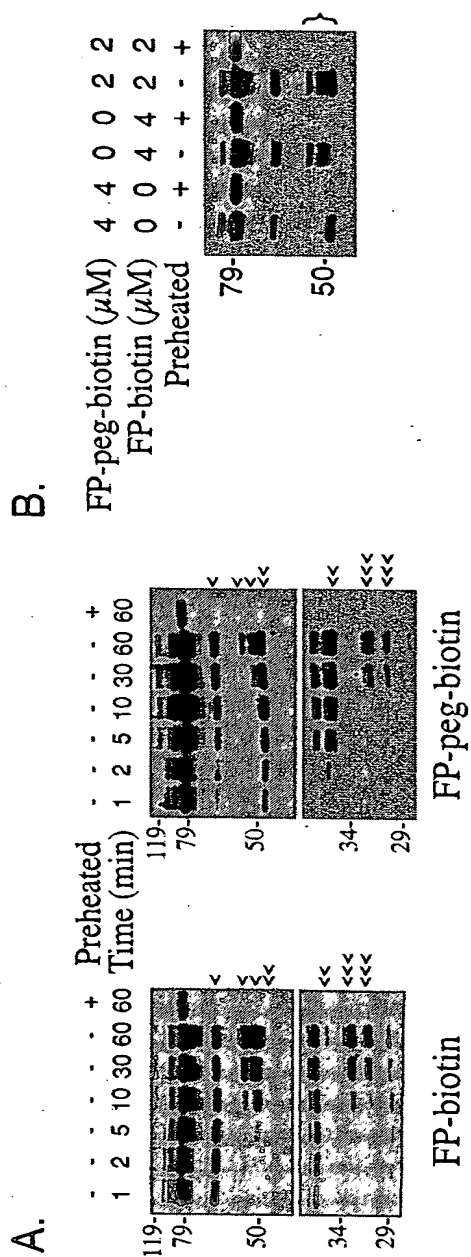


FIGURE 21

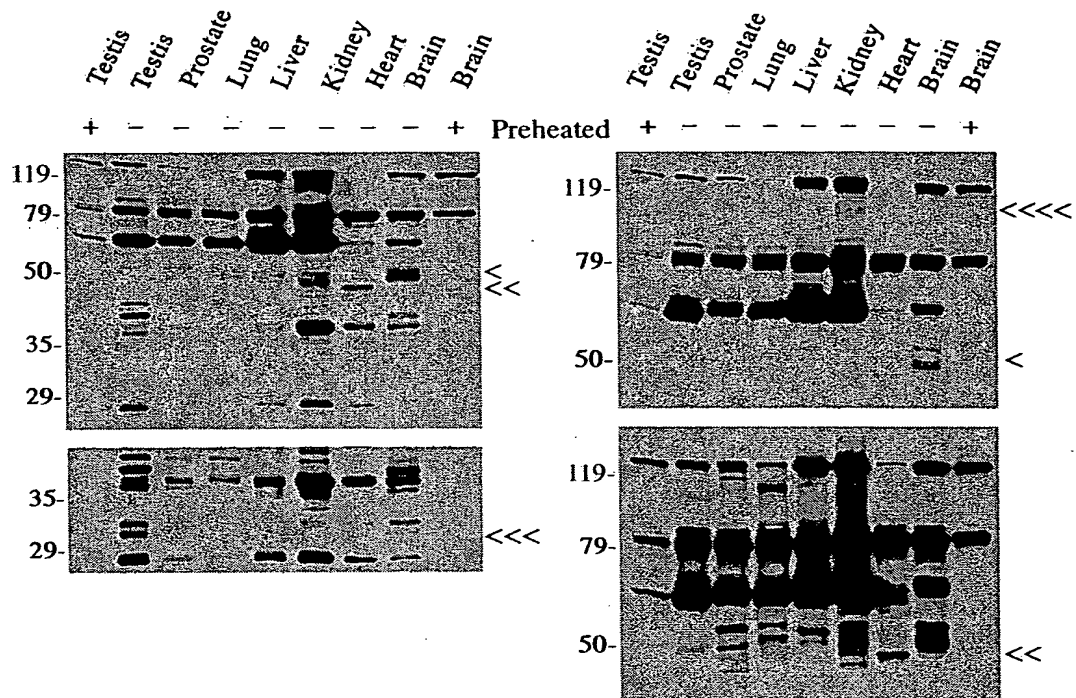


FIGURE 22

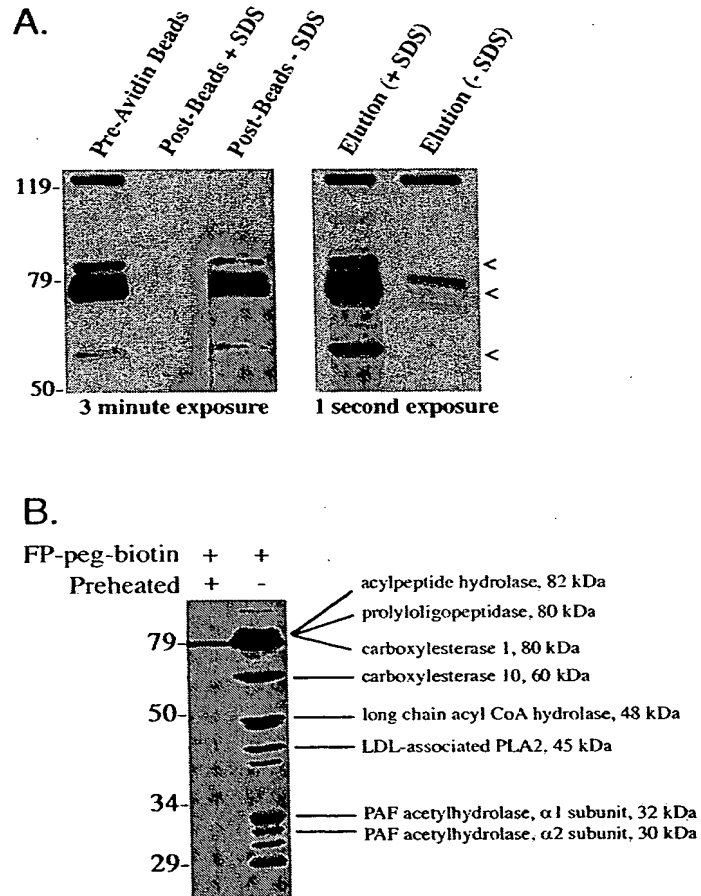


FIGURE 23